

ABSTRACT

An improved insert earphone for audiometric testing is provided, having a housing, a receiver located within the housing, a flexible eartip located externally to the housing, and a tube nipple acoustically coupled between the receiver and the flexible eartip. The flexible eartip has a flexible tube portion that is coupled to an output end of the tube nipple, which may be rigid. The housing and tube nipple are configured and arranged such that the angle between a longitudinal axis of the tube nipple and the vertical axis is obtuse, minimizing the stress on the ear canal when the flexible eartip is inserted therein. An acoustic damper may be located at or near the input end of the tube nipple to prevent ear wax from clogging the damper and minimize the need for damper replacement.